

Part Number : 1727040010

Series Number : 172704

Product Category : D-Sub Connectors

Product Description : FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator

Status : Active

Engineering Number : FL09S7-K121

Documents & Resources

Drawings

Drawing 1727040010_sd.pdf

3D Models and Design Files

3D Model 1727040010_stp.zip

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | D-Sub Connectors |
| Series | 172704 |
| Description | FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator |
| IP Rating | IP20 |
| Product Family | FCT D-Sub Connectors |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 889056019118 |

Electrical

| | |
|----------|-----|
| Shielded | Yes |
|----------|-----|

Physical

| | |
|-------------------------------|----------|
| Circuits (Loaded) | 0 |
| Circuits (maximum) | 9 |
| Color - Resin | Black |
| Gender | Female |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 4.800/g |
| Number of Rows | 2 |
| Orientation | Straight |
| Packaging Type | Carton |
| Panel Mount | Rear |
| Panel Mount Method | Flange |
| PCB Locator | No |
| PCB Retention | None |
| Pitch - Mating Interface | 2.84mm |
| Pitch - Termination Interface | 2.84mm |

| | |
|-------------------------------|----------------|
| Plating - Shell | Tin |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Ports | 1 |
| Temperature Range - Operating | -55° to +125°C |
| Termination Style | Crimp |
| Waterproof / Dustproof | No |
| Waterproof / Dustproof Type | IP20 |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------|--|
| Mates With | FCT Standard-Density D-Sub, Size 1, 9 Position, Plug |

Use with Part(s)

| Description | Part Number |
|---|--|
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 20-24 AWG, 500 Pieces | /content/molex/molex-dot-com/us/en/products/product-page.html/1731120214.html |
| FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 20-24 AWG, 500 Pieces | /content/molex/molex-dot-com/us/en/products/product-page.html/1731120215.html |
| FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, Split Tine, 20-24 AWG, 500 Pieces | /content/molex/molex-dot-com/us/en/products/product-page.html/1731120216.html |
